

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

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CATEGORY: Roof Covering (Miscellaneous)

LISTEE: National Coatings, 1201 Calle Suerte, Camarillo CA 93012
Contact: Rick Sexauer (805) 388-7112 *Fax (805) 388-8140

DESIGN: ACRYSHIELD elastomeric roof coating. Refer to listee's data sheets for additional detailed product description and operational considerations.

COLD APPLICATION SYSTEMS

CLASS A

1. Deck: NC Incline: 2
Coating and Plysheet: 10 to 20 gal/100 ft² of "Liquiseal" emulsion with 1 to 3 plies of polyester fabric embedded into emulsion.
Surfacing: "Acryshield", 1-1/2 to 3 gal/100 ft²

FLUID APPLIED COASTING SYSTEMS

CLASS A

1. Deck: NC Incline: 1
Surfacing: "Acryshield", applied in two or more coats, for a total of 2 to 5 gal/100 ft².
May be reinforced with polyester fabric (2-1/2 oz/sq.yd minimum)

SPRAY APPLIED FOAM AND COATING SYSTEMS

CLASS A

1. Deck: NC Incline: 1
Foam: Polythane Systems Inc. (PSI) S200-25/30, SC200-25/30 or SH200-25/30, 3" max.
Surfacing: "Acryshield", 2 coats applied at 2 to 4 gal/100 ft².

2. Deck: NC Incline: 1
Foam: ISOFOAM SS-1070, SS-1123, SS-1270II, SS-1370 or SS-1470, 2" max.
Surfacing: Two coats, Acryshield, 3 gal/100 ft²

3. Deck: NC Incline: 1
Foam: ISOFOAM SS-0545, 3" max.
Surfacing: Two coats Acryshield, 3 gal/100 ft²

4. Deck: NC Incline: 1
Foam: BUC 124-2.5 or BUC-3, 3" max.
Surfacing: Two or more coats Acryshield, 2 to 4 gal/100 ft²

5. Deck: NC Incline: 1
Foam: Foam Enterprise FE 302 or 303 Series, 3" max.
Surfacing: Acryshield, two or more coats, applied at 2 to 4 gal/100 ft²

6. Deck: NC Incline: 3
Foam: Premium 241 Series, any thickness
Surfacing: Acryshield, applied at 2 to 4 gal/100 ft²

7. Deck: NC Incline: 3
Foam: Premium 241 series, any thickness
Base and Top Coat: Acryshield, 1-1/2 gal/100 ft²
Surfacing (optional): No. 6 crushed limestone at 64 lbs/100 ft² embedded into wet top coating. Polytech Inc. Omni-Guard Roof Mix, 40 lb dry mix with 4-1/2 gal. water and 1/2 gal Omni-Guard acrylic resin with 3/4 oz "Colloid 60", applied at one sq per batch.

8. Deck: NC Incline: 1-1/2
Foam: ISOFOAM SS-1570 (2.5-3.0), 3" max.
Surfacing: Acryshield, 2 to 4 gal/100 ft²

11. Deck: NC Incline: 1
Foam: ISOFOAM SS-1570, Premium Polymers 241, Polythane SH200 or Foam Enterprise 302 or 303 (2.5-3.0), any thickness
Base Coat: Foam Experts Aztec 20, at 1 to 2 gal/100 ft²
Top Coat: Acryshield at 1-1/2 to 2-1/2 gal/100 ft²

12. Deck: NC Incline: 4-1/2
Foam: Polythane PSI S200-25/30, SC200-25/30, SH200-25/30, any thickness
Coating: Acryshield, 1-1/2 gal/100 ft²
Surfacing: Roofing granules, 35 lbs/100 ft²

CLASS B

1. Deck: C-15/32 Incline: 1
Foam: PSI S200-25/30, SC200-25/30, SH200-25/30, 1-1/2" thick min.
Surfacing: Two coat Acryshield, applied at 3 gal/100 ft².

2. Deck: C-15/32 Incline: 1/4"
Foam: Resin Technology RT2031, 1" minimum.
Surfacing: Acryshield, at 3 gal/100 ft² followed by 50 lbs/100 ft² of granules.

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, product identification and UL label.

APPROVAL: Listed as Class A and Class B roof covering assemblies as described under "Design". For maintenance and repair systems, refer to 1997 UL Directory-Roofing materials and Systems for details.

Rev. 06-21-2003



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 22, 2004**

*Listing Expires **June 30, 2005***

Authorized By: **DIANE K. AREND, Senior Deputy
Program Manager**